

Exhibit 13

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd | Expnd Original ID/OD
Stablz Temp/Time/Cath Name

PEEK/Unk/Unk/10-543
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/Low PProfile Shaft

Test Method:

Plastics Ultimates

Data File:

10-543 Tensile Ults

CrossHead Speed:

20.000 in/min

Stress
at
Max Load

Strain
at
Max Load

Load
at
Max Load

Stress
at
Break

Strain
at
Break

Cross-
Sectional
Area

#	(psi)	(in/in)	(lbs)	(psi)	(in/in)	(sq. in)
1	1.67E4	1.25E0	4.53E0	1.75E4	1.34E0	2.71E-4
2	1.71E4	1.28E0	4.62E0	1.71E4	1.28E0	2.71E-4
3	1.81E4	1.41E0	4.91E0	1.81E4	1.41E0	2.71E-4
4	1.53E4	1.07E0	4.14E0	1.57E4	1.12E0	2.71E-4
5	1.95E4	1.55E0	5.28E0	1.95E4	1.56E0	2.71E-4
Ave	1.73E4	1.31E0	4.70E0	1.76E4	1.34E0	2.71E-4
SD	1.56E3	1.81E-1	4.24E-1	1.40E3	1.61E-1	0.00E0

Excluded Specimens:

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502
Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Exprd Original ID/OD
Stabilz Temp/Time/Cath Name

PEEK/UNK/UNK/Acutech
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/Low Profile Shaft

Test Method:

Plastics Ultimates

Data File:

PEEK Acutech - Ults

CrossHead Speed:

20.000 in/min

Stress
at
Max Load

Strain
at
Max Load

Load
at
Max Load

Stress
at
Break

Strain
at
Break

Cross-
Sectional
Area

#	(psi)	(in/in)	(lbs)	(psi)	(in/in)	(sq. in)
1	1.41E4	5.50E-1	5.48E0	1.42E4	5.63E-1	3.90E-4
2	1.40E4	5.33E-1	5.44E0	1.39E4	5.36E-1	3.90E-4
3	1.48E4	6.37E-1	5.76E0	1.48E4	6.37E-1	3.90E-4
4	1.46E4	6.27E-1	5.69E0	1.46E4	6.30E-1	3.90E-4
5	1.39E4	5.30E-1	5.42E0	1.42E4	5.57E-1	3.90E-4
Ave	1.43E4	5.75E-1	5.56E0	1.43E4	5.85E-1	3.90E-4
SD	4.08E2	5.21E-2	1.59E-1	3.50E2	4.56E-2	0.00E0

Excluded Specimens:

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502
Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator: TAS

Test Date: Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd | Expnd Original ID/OD
Stabilz Temp/Time/Cath Name

PEEK/UNK/Unk/10-544-1
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/LOW PROFILE SHAFT

Test Method: Plastics Ultimates

Data File: 10-544-1 Tensile Ults

CrossHead Speed: 20.000 in/min

Stress
at
Max Load

Strain
at
Max Load

Load
at
Max Load

Stress
at
Break

Strain
at
Break

Cross-
Sectional
Area

#	(psi)	(in/in)	(lbs)	(psi)	(in/in)	(sq. in)
1	3.07E4	1.56E0	5.17E0	3.12E4	1.60E0	1.68E-4
2	3.39E4	1.78E0	5.71E0	3.43E4	1.81E0	1.68E-4
3	3.08E4	1.54E0	5.19E0	3.10E4	1.55E0	1.68E-4
4	2.96E4	1.47E0	4.99E0	3.10E4	1.57E0	1.68E-4
5	2.52E4	1.14E0	4.23E0	2.72E4	1.30E0	1.68E-4
Ave	3.01E4	1.50E0	5.06E0	3.09E4	1.56E0	1.68E-4
SD	3.17E3	2.34E-1	5.33E-1	2.53E3	1.82E-1	0.00E0

Excluded Specimens:

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Exprd Original ID/OD
Stabliz Temp/Time/Cath Name

PEEK/Unk/Unk/Acutech
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/Low Profile Shaft

Test Method:

Plastics Compression

Data File:

PEEK Acutech(et)

CrossHead Speed:

0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	0.00E0	0.00E0	0.00E0	1.09E3	1.40E5	3.90E-4
2	0.00E0	0.00E0	0.00E0	1.33E3	1.94E5	4.02E-4
3	0.00E0	0.00E0	0.00E0	8.03E2	1.02E5	3.83E-4
4	0.00E0	0.00E0	0.00E0	9.94E2	1.20E5	3.96E-4
5	0.00E0	0.00E0	0.00E0	1.60E3	2.06E5	3.90E-4
6	NaN	NaN	0.00E0	NaN	NaN	0.00E0
Ave	0.00E0	0.00E0	0.00E0	1.16E3	1.52E5	3.92E-4
SD	0.00E0	0.00E0	0.00E0	3.09E2	4.55E4	7.07E-6

Did not yield
@ 2.248 lbs!

Excluded Specimens: 6

Report continued for file:

PEEK Acutech(et)

Gauge
Length

Inner
Diameter

Outer
Diameter

#	(in)	(in)	(in)
1	5.00E-2	3.25E-2	3.94E-2
2	5.88E-2	3.25E-2	3.96E-2
3	4.88E-2	3.25E-2	3.93E-2
4	4.80E-2	3.25E-2	3.95E-2
5	5.01E-2	3.25E-2	3.94E-2
6	0.00E0	0.00E0	0.00E0
Ave	5.11E-2	3.25E-2	3.94E-2
SD	4.37E-3	0.00E0	1.14E-4

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator: **TAS**

Test Date: **Monday, March 14, 1994**

Material/Lot #/Part #/Ext #	PEEK/Unk/Unk/10-543
Filler/Additive/Ext Mandrel?	None/None/No
Test Temp/MegRads/KeV	37 C/0/0
Necked?/Necking Method	No/NA
Expanded?/Heat Stabilized?	No/No
If Neckd I Exprd Original ID/OD	NA/NA
Stabliz Temp/Time/Cath Name	NA/NA/Low Profile Shaft

Test Method: **Plastics Compression**

Data File: **10-543 BT Comp**

CrossHead Speed: **0.005 in/min**

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	-6.90E3	-4.16E-2	2.00E-3	1.19E3	2.02E5	2.71E-4
2	-2.99E3	-5.42E-2	1.17E-3	3.68E2	6.39E4	2.71E-4
3	-7.20E3	-9.74E-2	5.04E-3	4.43E2	8.01E4	2.71E-4
4	-2.49E3	-5.32E-2	1.03E-3	3.02E2	5.46E4	2.71E-4
5	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	2.71E-4
6	-7.26E3	-6.70E-2	3.43E-3	6.88E2	1.22E5	2.71E-4
7	0.00E0	0.00E0	0.00E0	8.21E2	1.49E5	2.71E-4
8	-7.06E3	-5.64E-2	2.98E-3	8.17E2	1.44E5	2.71E-4
9	-6.77E3	-6.22E-2	3.05E-3	7.59E2	1.24E5	2.83E-4
Ave	-5.60E3	4.54E-2	2.29E-3	8.55E2	1.48E5	2.73E-4
SD	3.13E3	2.71E-2	1.39E-3	1.94E2	3.25E4	5.21E-6

6,994
211
0.0568
0.0110

Excluded Specimens: **2,3,4,5**

2,3,4 buckled before yield?
5 false start

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502
Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Exprd Original ID/OD
Stabliz Temp/Time/Cath Name

PPEK/Unk/Unk/10-544-1
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/Low Profile Shaft

Test Method:

Plastics Compression

Data File:

10-544-1 BT Comp(et)

CrossHead Speed:

0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	-7.62E3	-5.93E-2	1.96E-3	4.73E2	1.47E5	1.57E-4
2	-6.63E3	-4.02E-2	1.45E-3	7.69E2	2.03E5	1.90E-4
3	-8.10E3	-4.52E-2	1.75E-3	6.70E2	2.15E5	1.61E-4
4	-8.32E3	-5.70E-2	2.21E-3	5.24E2	1.68E5	1.61E-4
5	-5.84E3	-9.06E-2	2.23E-3	2.26E2	7.03E4	1.57E-4
Ave	-7.67E3	-5.04E-2	1.84E-3	6.09E2	1.83E5	1.67E-4
SD	7.49E2	9.19E-3	3.24E-4	1.36E2	3.11E4	1.54E-5

Excluded Specimens: 5

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Exprd Original ID/OD
Stabliz Temp/Time/Cath Name

PEEK/Unk/Unk/10-543
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/Low PProfile Shaft

Test Method:

Plastics Ultimates

Data File:

10-543 Tensile Ults

CrossHead Speed:

20.000 in/min

Stress
at
Max Load

Strain
at
Max Load

Load
at
Max Load

Stress
at
Break

Strain
at
Break

Cross-
Sectional
Area

#	(psi)	(in/in)	(lbs)	(psi)	(in/in)	(sq. in)
1	1.67E4	1.25E0	4.53E0	1.75E4	1.34E0	2.71E-4
2	1.71E4	1.28E0	4.62E0	1.71E4	1.28E0	2.71E-4
3	1.81E4	1.41E0	4.91E0	1.81E4	1.41E0	2.71E-4
4	1.53E4	1.07E0	4.14E0	1.57E4	1.12E0	2.71E-4
5	1.95E4	1.55E0	5.28E0	1.95E4	1.56E0	2.71E-4
Ave	1.73E4	1.31E0	4.70E0	1.76E4	1.34E0	2.71E-4
SD	1.56E3	1.81E-1	4.24E-1	1.40E3	1.61E-1	0.00E0

Excluded Specimens:

Report continued for file: 10-543 Tensile Ults

Gauge Length	Inner Diameter	Outer Diameter			
-----------------	-------------------	-------------------	--	--	--

#	(in)	(in)	(in)
1	2.00E0	3.20E-2	3.70E-2
2	2.00E0	3.20E-2	3.70E-2
3	2.00E0	3.20E-2	3.70E-2
4	2.00E0	3.20E-2	3.70E-2
5	2.00E0	3.20E-2	3.70E-2
Ave	2.00E0	3.20E-2	3.70E-2
SD	0.00E0	0.00E0	0.00E0

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Exprd Original ID/OD
Stabliz Temp/Time/Cath Name

PEEK/Unk/Unk/10-543
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/Low Profile Shaft

Test Method:

Plastics Compression

Data File:

10-543 BT Comp

CrossHead Speed:

0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	-6.90E3	-4.16E-2	2.00E-3	1.19E3	2.02E5	2.71E-4
2	-2.99E3	-5.42E-2	1.17E-3	3.68E2	6.39E4	2.71E-4
3	-7.20E3	-9.74E-2	5.04E-3	4.43E2	8.01E4	2.71E-4
4	-2.49E3	-5.32E-2	1.03E-3	3.02E2	5.46E4	2.71E-4
5	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	2.71E-4
6	-7.26E3	-6.70E-2	3.43E-3	6.88E2	1.22E5	2.71E-4
7	0.00E0	0.00E0	0.00E0	8.21E2	1.49E5	2.71E-4
8	-7.06E3	-5.64E-2	2.98E-3	8.17E2	1.44E5	2.71E-4
9	-6.77E3	-6.22E-2	3.05E-3	7.59E2	1.24E5	2.83E-4
Ave	-5.60E3	-4.54E-2	2.29E-3	8.55E2	1.48E5	2.73E-4
SD	3.13E3	2.71E-2	1.39E-3	1.94E2	3.25E4	5.21E-6

6,994
211
0.0568
0.0110

Excluded Specimens:

2,3,4,5

2,3,4 buckled before yield?

5 false start

Gauge Length	Inner Diameter	Outer Diameter			
-----------------	-------------------	-------------------	--	--	--

#	(in)	(in)	(in)
1	4.61E-2	3.20E-2	3.70E-2
2	4.71E-2	3.20E-2	3.70E-2
3	4.90E-2	3.20E-2	3.70E-2
4	4.90E-2	3.20E-2	3.70E-2
5	4.80E-2	3.20E-2	3.70E-2
6	4.80E-2	3.20E-2	3.70E-2
7	4.93E-2	3.20E-2	3.70E-2
8	4.79E-2	3.20E-2	3.70E-2
9	4.61E-2	3.20E-2	3.72E-2
Ave	4.75E-2	3.20E-2	3.70E-2
SD	1.38E-3	0.00E0	8.94E-5

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Expnd Original ID/OD
Stabliz Temp/Time/Cath Name

PEEK/UNK/Unk/10-544-1
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/LOW PROFILE SHAFT

Test Method:

Plastics Ultimates

Data File:

10-544-1 Tensile Ults

CrossHead Speed:

20.000 in/min

Stress
at
Max Load

Strain
at
Max Load

Load
at
Max Load

Stress
at
Break

Strain
at
Break

Cross-
Sectional
Area

#	(psi)	(in/in)	(lbs)	(psi)	(in/in)	(sq. in)
1	3.07E4	1.56E0	5.17E0	3.12E4	1.60E0	1.68E-4
2	3.39E4	1.78E0	5.71E0	3.43E4	1.81E0	1.68E-4
3	3.08E4	1.54E0	5.19E0	3.10E4	1.55E0	1.68E-4
4	2.96E4	1.47E0	4.99E0	3.10E4	1.57E0	1.68E-4
5	2.52E4	1.14E0	4.23E0	2.72E4	1.30E0	1.68E-4
Ave	3.01E4	1.50E0	5.06E0	3.09E4	1.56E0	1.68E-4
SD	3.17E3	2.34E-1	5.33E-1	2.53E3	1.82E-1	0.00E0

Excluded Specimens:

Gauge Length	Inner Diameter	Outer Diameter			
--------------	----------------	----------------	--	--	--

#	(in)	(in)	(in)
1	2.00E0	1.80E-2	2.32E-2
2	2.00E0	1.80E-2	2.32E-2
3	2.00E0	1.80E-2	2.32E-2
4	2.00E0	1.80E-2	2.32E-2
5	2.00E0	1.80E-2	2.32E-2
Ave	2.00E0	1.80E-2	2.32E-2
SD	0.00E0	0.00E0	0.00E0

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator: TAS

Test Date: Monday, March 14, 1994

Material/Lot #/Part #/Ext #	PPEK/Unk/Unk/10-544-1
Filler/Additive/Ext Mandrel?	None/None/No
Test Temp/MegRads/KeV	37 C/0/0
Necked?/Necking Method	No/NA
Expanded?/Heat Stabilized?	No/No
If Neckd I Expnd Original ID/OD	NA/NA
Stabliz Temp/Time/Cath Name	NA/NA/Low Profile Shaft

Test Method: Plastics Compression

Data File: 10-544-1 BT Comp(et)

CrossHead Speed: 0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	-7.62E3	-5.93E-2	1.96E-3	4.73E2	1.47E5	1.57E-4
2	-6.63E3	-4.02E-2	1.45E-3	7.69E2	2.03E5	1.90E-4
3	-8.10E3	-4.52E-2	1.75E-3	6.70E2	2.15E5	1.61E-4
4	-8.32E3	-5.70E-2	2.21E-3	5.24E2	1.68E5	1.61E-4
5	-5.84E3	-9.06E-2	2.23E-3	2.26E2	7.03E4	1.57E-4
Ave	-7.67E3	-5.04E-2	1.84E-3	6.09E2	1.83E5	1.67E-4
SD	7.49E2	9.19E-3	3.24E-4	1.36E2	3.11E4	1.54E-5

Excluded Specimens: 5

Report continued for file: 10-544-1 BT Comp(et)

Gauge
Length

Inner
Diameter

Outer
Diameter

#	(in)	(in)	(in)
1	4.90E-2	1.80E-2	2.29E-2
2	5.02E-2	1.80E-2	2.38E-2
3	5.16E-2	1.80E-2	2.30E-2
4	5.16E-2	1.80E-2	2.30E-2
5	4.90E-2	1.80E-2	2.29E-2
Ave	5.06E-2	1.80E-2	2.32E-2
SD	1.25E-3	0.00E0	4.19E-4

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd | Expnd Original ID/OD
Stabiliz Temp/Time/Cath Name

PEEK/UNK/UNK/Acutech
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/Low Profile Shaft

Test Method:

Plastics Ultimates

Data File:

PEEK Acutech - Ults

CrossHead Speed:

20.000 in/min

Stress
at
Max Load

Strain
at
Max Load

Load
at
Max Load

Stress
at
Break

Strain
at
Break

Cross-
Sectional
Area

#	(psi)	(in/in)	(lbs)	(psi)	(in/in)	(sq. in)
1	1.41E4	5.50E-1	5.48E0	1.42E4	5.63E-1	3.90E-4
2	1.40E4	5.33E-1	5.44E0	1.39E4	5.36E-1	3.90E-4
3	1.48E4	6.37E-1	5.76E0	1.48E4	6.37E-1	3.90E-4
4	1.46E4	6.27E-1	5.69E0	1.46E4	6.30E-1	3.90E-4
5	1.39E4	5.30E-1	5.42E0	1.42E4	5.57E-1	3.90E-4
Ave	1.43E4	5.75E-1	5.56E0	1.43E4	5.85E-1	3.90E-4
SD	4.08E2	5.21E-2	1.59E-1	3.50E2	4.56E-2	0.00E0

Excluded Specimens:

Report continued for file: PEEK Acutech - Ults

Gauge
Length

Inner
Diameter

Outer
Diameter

#	(in)	(in)	(in)
1	2.00E0	3.25E-2	3.94E-2
2	2.00E0	3.25E-2	3.94E-2
3	2.00E0	3.25E-2	3.94E-2
4	2.00E0	3.25E-2	3.94E-2
5	2.00E0	3.25E-2	3.94E-2
Ave	2.00E0	3.25E-2	3.94E-2
SD	0.00E0	0.00E0	0.00E0

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator:

TAS

Test Date:

Monday, March 14, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd | Exprd Original ID/OD
Stabliz Temp/Time/Cath Name

PEEK/Unk/Unk/Acutech
None/None/No
37 C/0/0
No/NA
No/No
NA/NA
NA/NA/Low Profile Shaft

Test Method:

Plastics Compression

Data File:

PEEK Acutech(et)

CrossHead Speed:

0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

#	(psi)	(in/in)	(in*lbs)	(lbs/in)	(psi)	(sq. in)
1	0.00E0	0.00E0	0.00E0	1.09E3	1.40E5	3.90E-4
2	0.00E0	0.00E0	0.00E0	1.33E3	1.94E5	4.02E-4
3	0.00E0	0.00E0	0.00E0	8.03E2	1.02E5	3.83E-4
4	0.00E0	0.00E0	0.00E0	9.94E2	1.20E5	3.96E-4
5	0.00E0	0.00E0	0.00E0	1.60E3	2.06E5	3.90E-4
6	NaN	NaN	0.00E0	NaN	NaN	0.00E0
Ave	0.00E0	0.00E0	0.00E0	1.16E3	1.52E5	3.92E-4
SD	0.00E0	0.00E0	0.00E0	3.09E2	4.55E4	7.07E-6

Did not yield
@ 2248 lbs!

Excluded Specimens:

6

Report continued for file: PEEK Acutech(et)

Gauge
Length

Inner
Diameter

Outer
Diameter

#	(in)	(in)	(in)
1	5.00E-2	3.25E-2	3.94E-2
2	5.88E-2	3.25E-2	3.96E-2
3	4.88E-2	3.25E-2	3.93E-2
4	4.80E-2	3.25E-2	3.95E-2
5	5.01E-2	3.25E-2	3.94E-2
6	0.00E0	0.00E0	0.00E0
Ave	5.11E-2	3.25E-2	3.94E-2
SD	4.37E-3	0.00E0	1.14E-4